

Laser Blade XS

iGuzzini

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Last information update: May 2025

Product configuration: Q519
Q519: Frame 15 cells - Medium beam - LED

Product code
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Technical description

Linear miniaturised recessed luminaire with 15 optical elements for LED lamps - fixed optics. Despite the ultracompact size of the product, the patented technology of the optic system guarantees an efficient flow and a high level of controlled glare visual comfort. Main body with die-cast aluminium radiant surface, version with perimeter surface frame. Metallised, thermoplastic, high definition Opti Beam reflectors, integrated in a set-back position in the anti-glare screen. Supplied with DALI power supply unit connected to the luminaire.

Installation
Recessed with steel wire springs for false ceilings from 1 to 25 mm thick - preparation hole 24 x 276.

Weight (Kg)
0.75

* Colours on request

Mounting	wall recessed ceiling recessed
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Wiring
On the power supply unit with terminal board included.









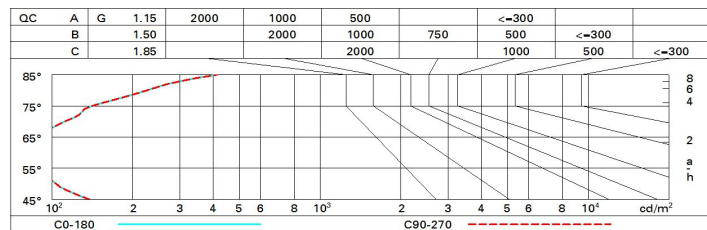
Technical data	
lm system:	2015
W system:	33.8
lm source:	2550
W source:	30
Luminous efficiency (lm/W, real value):	59.6
lm in emergency mode:	-
Total light flux at or above an angle of 90° [Lm]:	0
Light Output Ratio (L.O.R.) [%]:	79
Beam angle [°]:	25°
CRI (minimum):	90
Colour temperature [K]:	2700
MacAdam Step:	2
Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Voltage [Vin]:	230
Lamp code:	LED
Number of lamps for optical assembly:	1
ZVEI Code:	LED
Number of optical assemblies:	1
Control:	DALI-2

Polar

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	71	68	65	63	67	65	64	62	78
1.0	75	71	69	67	70	68	68	66	83
1.5	78	76	74	72	75	73	72	70	89
2.0	81	79	77	76	78	76	76	73	93
2.5	82	81	80	79	80	79	78	76	96
3.0	83	82	81	81	81	80	79	77	98
4.0	84	83	83	82	82	82	80	79	99
5.0	84	84	84	83	83	82	81	79	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 2550 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	2.8	4.9	3.1	5.2	5.5	2.8	4.9	3.1	5.2	5.5
	3H	2.6	4.2	3.0	4.5	4.9	2.6	4.2	3.0	4.5	4.9
	4H	2.6	3.9	2.9	4.2	4.6	2.6	3.9	2.9	4.2	4.6
	6H	2.5	3.6	2.9	3.9	4.2	2.5	3.5	2.9	3.9	4.2
	8H	2.5	3.5	2.9	3.9	4.2	2.5	3.5	2.9	3.8	4.2
	12H	2.4	3.5	2.8	3.8	4.2	2.4	3.4	2.8	3.8	4.2
4H	2H	2.6	3.9	2.9	4.2	4.6	2.6	3.9	2.9	4.2	4.6
	3H	2.4	3.4	2.8	3.8	4.2	2.4	3.4	2.8	3.8	4.2
	4H	2.3	3.3	2.7	3.7	4.1	2.3	3.3	2.7	3.7	4.1
	6H	2.0	3.6	2.4	4.1	4.6	1.9	3.6	2.4	4.1	4.5
	8H	1.8	3.7	2.3	4.2	4.7	1.8	3.7	2.3	4.2	4.7
	12H	1.7	3.7	2.3	4.2	4.7	1.7	3.7	2.2	4.1	4.7
8H	4H	1.8	3.7	2.3	4.2	4.7	1.8	3.7	2.3	4.2	4.7
	6H	1.7	3.5	2.2	4.0	4.5	1.7	3.5	2.2	4.0	4.5
	8H	1.7	3.3	2.2	3.8	4.3	1.7	3.3	2.2	3.8	4.3
	12H	1.9	2.9	2.4	3.4	4.0	1.9	2.9	2.4	3.4	3.9
12H	4H	1.7	3.7	2.2	4.1	4.7	1.7	3.7	2.3	4.2	4.7
	6H	1.7	3.3	2.2	3.8	4.3	1.7	3.3	2.3	3.8	4.4
	8H	1.9	2.9	2.4	3.4	3.9	1.9	2.9	2.4	3.4	4.0
Variations with the observer position at spacing:											
S =	1.0H	6.9 / -11.5					6.9 / -11.5				
	1.5H	9.7 / -11.7					9.7 / -11.7				
	2.0H	11.7 / -11.8					11.7 / -11.8				